

Fig.4.

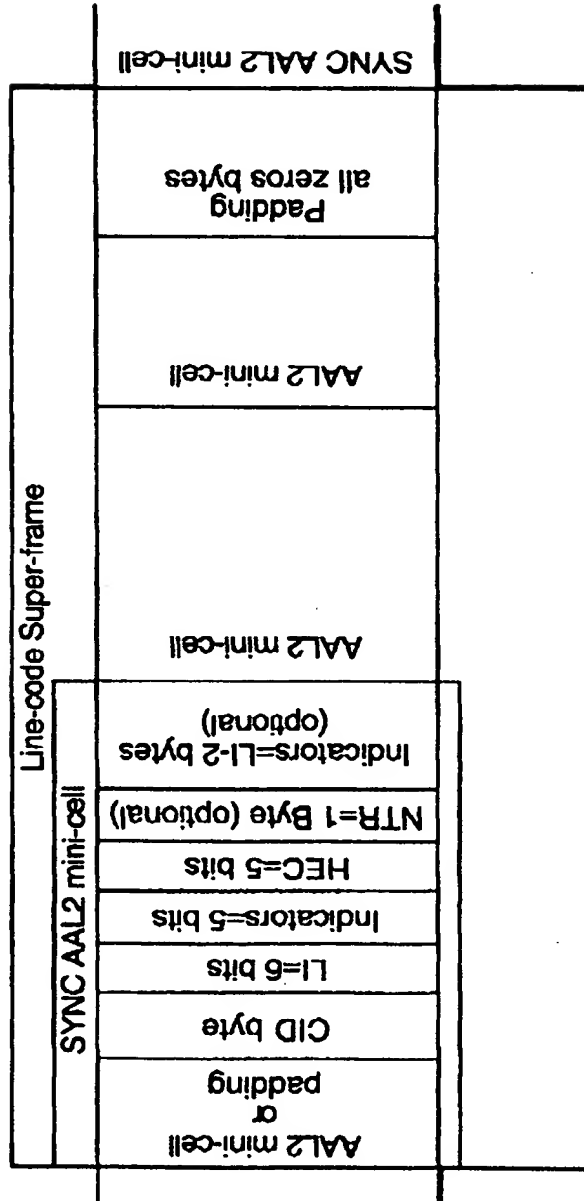


Fig.5.

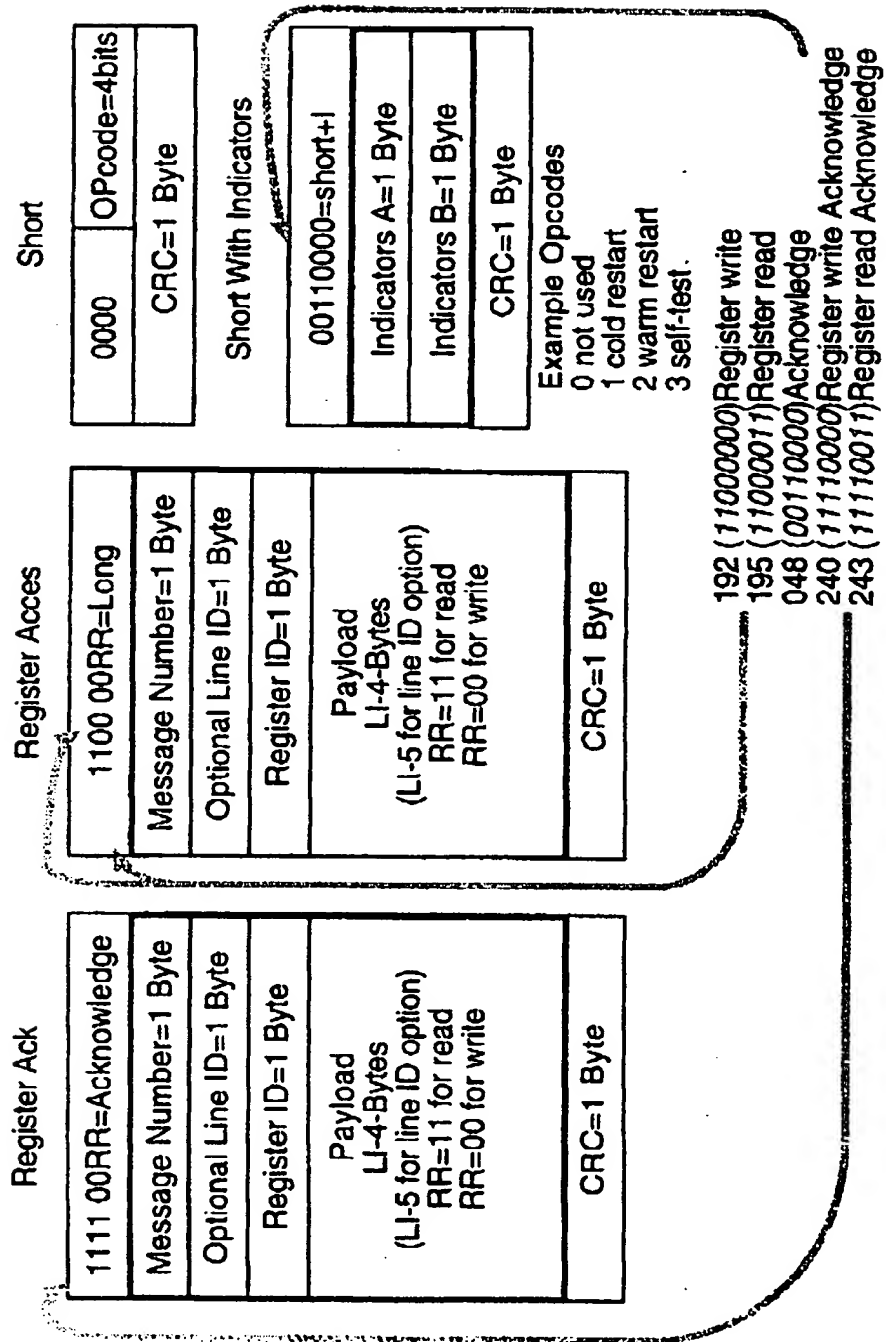
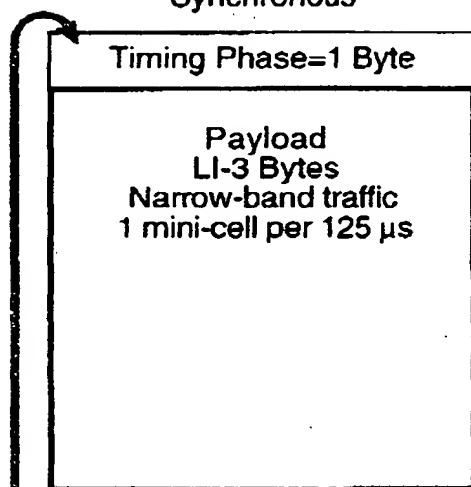


Fig.6a.

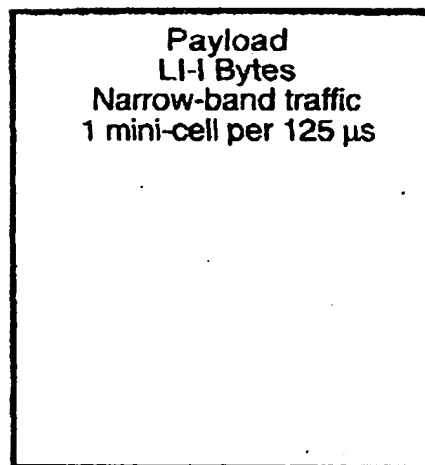
Synchronous



Timing byte is signed integer
giving offset from NTR phase

Fig.6b.

Pleisochronous



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graph TD
    A["In Sync  
Send EOC data"] -- "Lost frame sync" --> B["Scrambler out of Sync  
Frame out of sync  
Send only null mini-cells  
Scrambler sequence transmitted"]
    B -- "Detect Scrambled all zero sequence" --> C["Scrambled in sync  
Send scrambled sync mini-cells"]
    C -- "Detect sync mini-cells" --> A
  
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The flowchart illustrates the Sync Scrambling Process. It begins with a state where the system is 'In Sync' and 'Send EOC data'. If a 'Lost frame sync' occurs, the system transitions to a state where the 'Scrambler out of Sync' and 'Frame out of sync'. In this state, 'Send only null mini-cells' and 'Scrambler sequence transmitted'. The system then 'Detect Scrambled all zero sequence', which leads to a state where the 'Scrambled in sync' and 'Send scrambled sync mini-cells'. Finally, the system 'Detect sync mini-cells', which returns it to the 'In Sync' state.

[illegible]